

DATE: February 8, 2010

TO: Mayor and City Council Members

FROM: Public Works Department

SUBJECT: **RESOLUTION NO. 8617 - A RESOLUTION AUTHORIZING THE  
INSTALLATION OF STOP SIGN CONTROLS ON ORANGEVALE  
AVENUE BRIDGE**

**BACKGROUND/ISSUE**

The Public Works Department intends to rehabilitate the Orangevale Avenue Bridge. The bridge is a historical structure and the original structure will not be widened, but is too narrow to safely function as a two-lane bridge. Therefore the City proposes to make it an alternating single lane bridge with stop controls on either end.

**POLICY/RULE**

Chapter 10 of the Folsom Municipal Code grants authority to the City Council for the placement of traffic control devices.

**ANALYSIS**

Orangevale Avenue is a two-lane rural road that links Main Avenue in Orangevale to American River Canyon Drive in the City of Folsom. The Orangevale Avenue Bridge is located roughly 300 feet west of American River Canyon Drive. The 90-year old bridge is a concrete arch structure similar to Rainbow Bridge, and the bridge deck is only 16-feet wide.

An upcoming rehabilitation project will improve the deck and support structures, but due to limitations on the modification of historic structures the deck will not be widened. As an interim and possibly permanent solution to the narrow deck, staff proposes to stripe the deck with a single, 11-foot vehicle lane and 3-foot shoulders. Vehicles approaching from either end will be controlled by a stop sign, and can only proceed once vehicles already on the bridge are clear. The proposed improvements are shown in the attached figure.

The Traffic Safety Committee reviewed the proposed improvements at their January 28<sup>th</sup> meeting and recommended approval with some minor revisions. Specifically, the initial proposal was a one-lane bridge with one 5-foot shoulder for use by bikes and pedestrians; the

Committee recommended two, 3-foot shoulders and signs indicating that bikes should share the lane with vehicle traffic.

The proposed action is consistent with the California edition of the Manual of Uniform Traffic Control Devices.

**FINANCIAL IMPACT**

The cost to install the proposed signs and markings is estimated to be approximately \$2,500. Funds are budgeted and available in the New Measure A Ongoing Fund (Fund 276), Traffic Safety Projects, Project No. 8023.

**ENVIRONMENTAL REVIEW**

None.

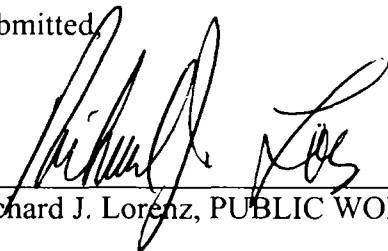
**ATTACHMENT**

1. Resolution No. 8617 - A Resolution Authorizing the Installation of Stop Sign Controls on Orangevale Avenue Bridge
2. Figure 1 – Orangevale Avenue Bridge Striping and Sign Plan

**RECOMMENDATION**

The Public Works Department recommends that the City Council pass and adopt Resolution No. 8617 - A Resolution Authorizing the Installation of Stop Sign Controls on Orangevale Avenue Bridge.

Submitted,



Richard J. Lorenz, PUBLIC WORKS DIRECTOR/CITY ENGINEER

# Attachment 1

**RESOLUTION NO. 8617**

**A RESOLUTION AUTHORIZING THE INSTALLATION OF  
STOP SIGN CONTROLS ON ORANGEVALE AVENUE BRIDGE**

**WHEREAS**, the Orangevale Avenue Bridge is too narrow to meet current standards regarding lane width; and,

**WHEREAS**, the Orangevale Avenue Bridge, being a historic structure, cannot be widened to meet current lane width standards; and,

**WHEREAS**, the Public Works Department recommends striping Orangevale Avenue Bridge as a one-lane road with stop sign controls on both ends; and,

**WHEREAS**, the City of Folsom Traffic Safety Committee reviewed this proposal and recommended that it be implemented; and

**WHEREAS**, funds are budgeted and available in the New Measure A Ongoing Fund (Fund 276):

**NOW, THEREFORE, BE IT RESOLVED** that the City Council of the City of Folsom authorizes the installation of stop sign controls on the Orangevale Avenue Bridge.

**PASSED AND ADOPTED** on this 23<sup>rd</sup> day of February 2010, by the following roll-call vote:

AYES: Council Member(s)

NOES: Council Member(s)

ABSENT: Council Member(s)

ABSTAIN: Council Member(s)

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Jeffrey M. Starsky, MAYOR

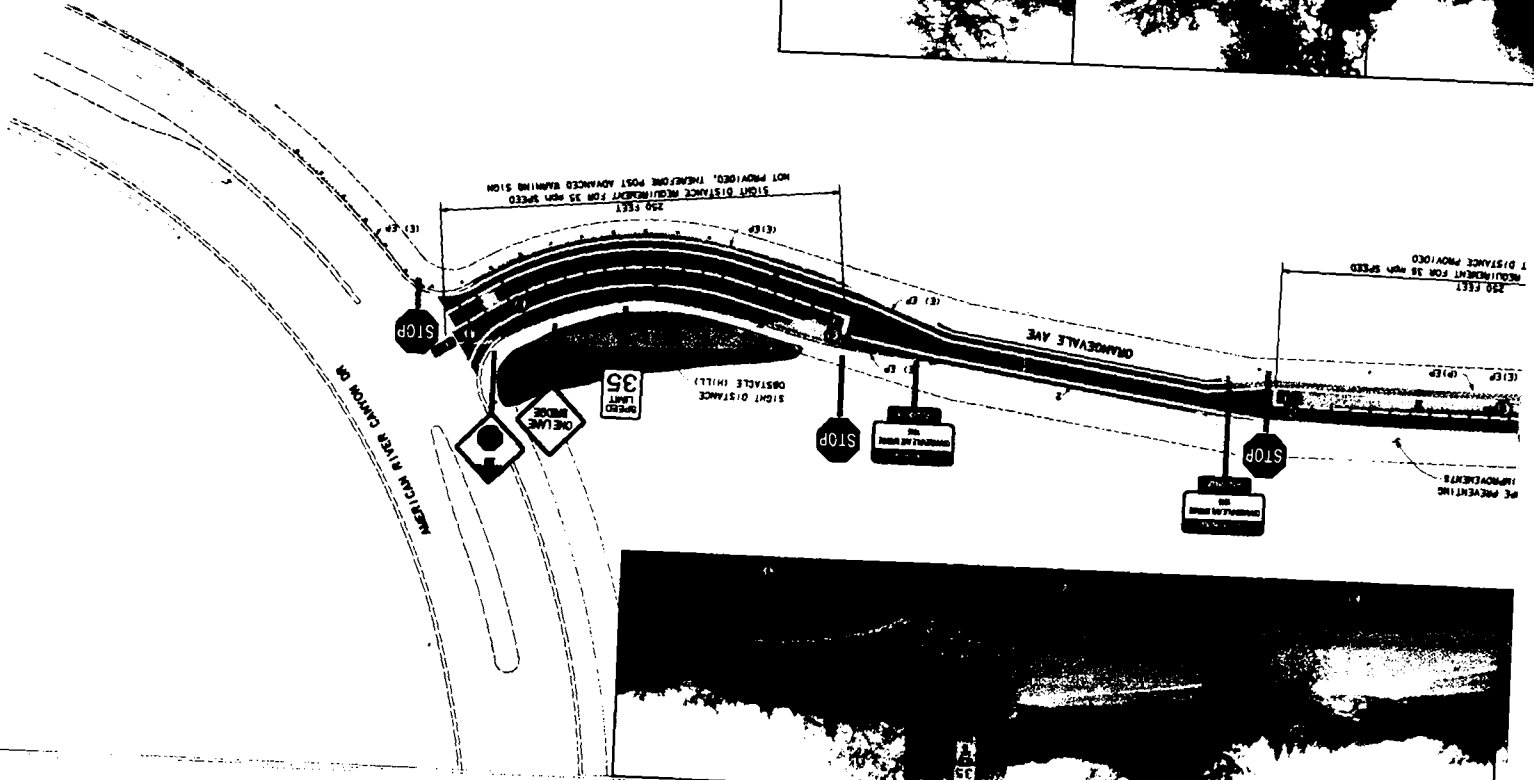
ATTEST:

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Christa Freemantle, CITY CLERK

## Attachment 2

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ORANGEVALE LN



- ORANGEVALE AVE BRIDGE REHABILITATION
- ALL T TWO WAY STOP
- LEGENO
- APPROX. RIGHT OF WAY
  - LIMITS OF PAVEMENT REHAB.
  - SHOULDER
  - PROPOSED PAVEMENT MARKINGS
  - EXISTING UNPAVED FOOTPATH
  - EXISTING ROADWAY
  - SIGHT DISTANCE ENVELOPE
  - SIGHT DISTANCE OBSTACLE
  - LOCATION & DIRECTION OF PHOTO

FIGURE 1